

Title (en)
IONTOPHORESIS WITH PROGRAMMED ADJUSTMENT OF ELECTRIC CURRENT

Title (de)
IONTOPHORETISCHE VORRICHTUNG MIT PROGRAMMIERBARER ELEKTRISCHER STROMEINSTELLUNG

Title (fr)
IONTOPHORESE AVEC REGLAGE PROGRAMME DU COURANT ELECTRIQUE

Publication
EP 1047475 B1 20070221 (EN)

Application
EP 98960687 A 19981202

Priority
• US 9825645 W 19981202
• US 6985897 P 19971217

Abstract (en)
[origin: WO9930775A1] The present invention is an apparatus and method that maintains a constant drug delivery rate for an electrotransport delivery system, while the apparent transport efficiency of the system varies, by making adjustments to the output current of the system. More specifically, the constant drug delivery rate is maintained by the regulator of the electrotransport delivery system automatically adjusting the output current to compensate for the varying apparent transport efficiency.

IPC 8 full level
A61N 1/30 (2006.01); **A61N 1/32** (2006.01)

CPC (source: EP US)
A61N 1/325 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9930775 A1 19990624; AT E354400 T1 20070315; AU 1622999 A 19990705; CY 1106591 T1 20120125; DE 69837163 D1 20070405; DE 69837163 T2 20071122; DK 1047475 T3 20070611; EP 1047475 A1 20001102; EP 1047475 B1 20070221; ES 2281940 T3 20071001; JP 2002508230 A 20020319; JP 2009219892 A 20091001; JP 4362012 B2 20091111; PT 1047475 E 20070430; US 6219576 B1 20010417

DOCDB simple family (application)
US 9825645 W 19981202; AT 98960687 T 19981202; AU 1622999 A 19981202; CY 071100654 T 20070514; DE 69837163 T 19981202; DK 98960687 T 19981202; EP 98960687 A 19981202; ES 98960687 T 19981202; JP 2000538750 A 19981202; JP 2009125501 A 20090525; PT 98960687 T 19981202; US 20513698 A 19981203